

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 42 (10/11/2020- 10/17/2020)

COCONINO COUNTY
October 23, 2020



Situation Summary

MMWR Week 42 (10/11/2020-10/17/2020)

A total of 4,716 confirmed COVID-19 cases have been reported among Coconino County residents through week 42.

Deaths: 141 (3% of cases)

Probable Deaths: 5

Recovered Cases: 3,679

(78% of cases)

Hospitalizations: 665

(14% of cases)

Cases Reported Week 42 (October 11 - October 17, 2020):

249
Confirmed
Cases

2,337
Negative
Cases

173.5
Rate per
100,000

6.7%*
Positivity
Yield

Community Transmission

- Coconino County has a current **incidence rate of 173.5 per 100,000**, **percent positivity of 6.7%***, and **COVID-19-Like-Illness incidence (CLI) of 3.9%****.
- Coconino County is currently at a **moderate** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only ELR data due to insufficient reporting.**

****Incidence rate and percent positivity data are from week 42 (CLI data from week 41 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations**

COVID-19 Situation Summary*

Cumulative Counts (March 15, 2020- October 17, 2020):

4,716
Confirmed
Cases

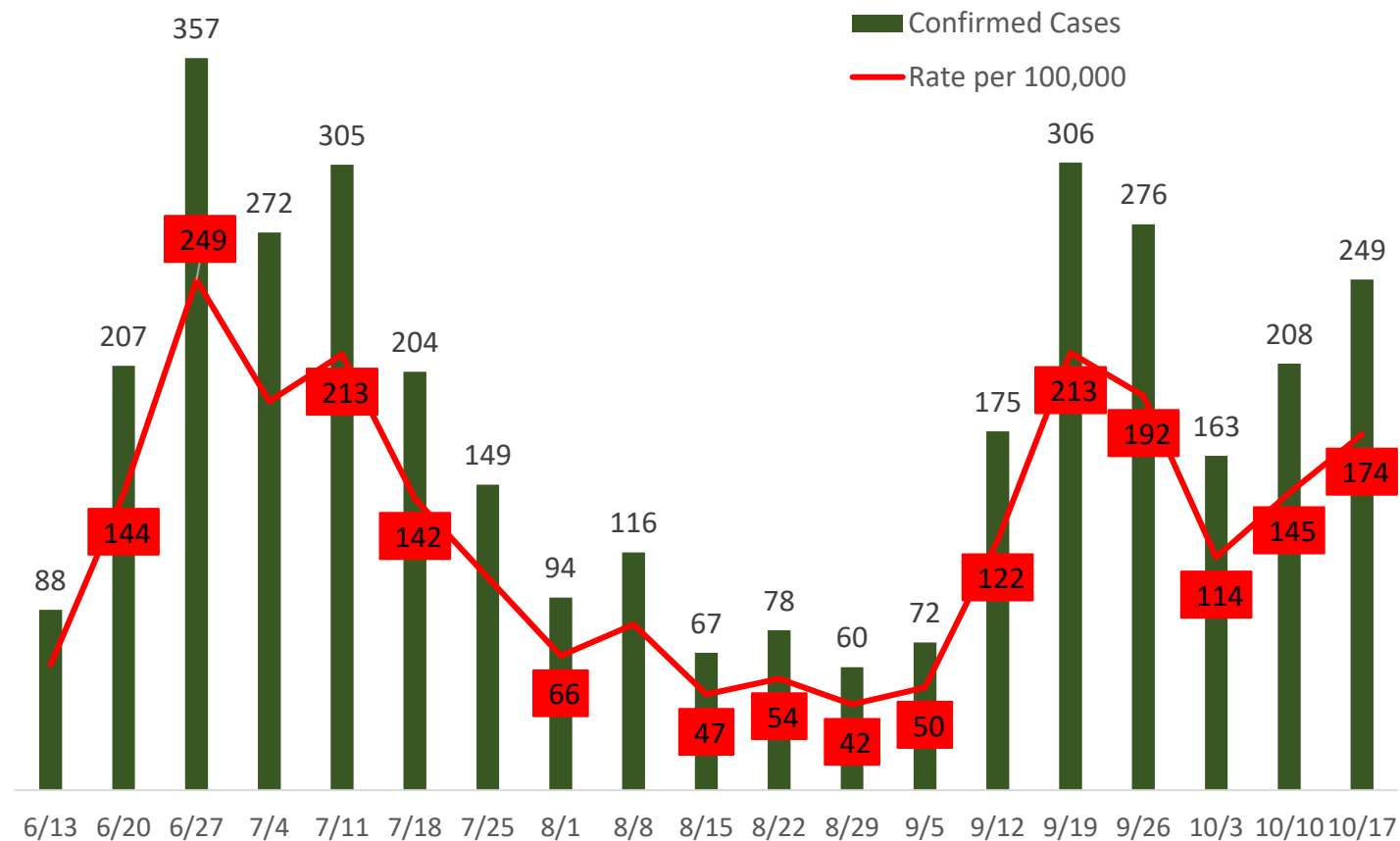
46,757
Negative
Tests

51,473
Total Tests
Resulted

9.2%
Positivity
Yield

3,287.0 cases per 100,000 Coconino County Residents
vs.
3,253.7 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



*Cases reported from 3/15/20-10/17/20

Age:

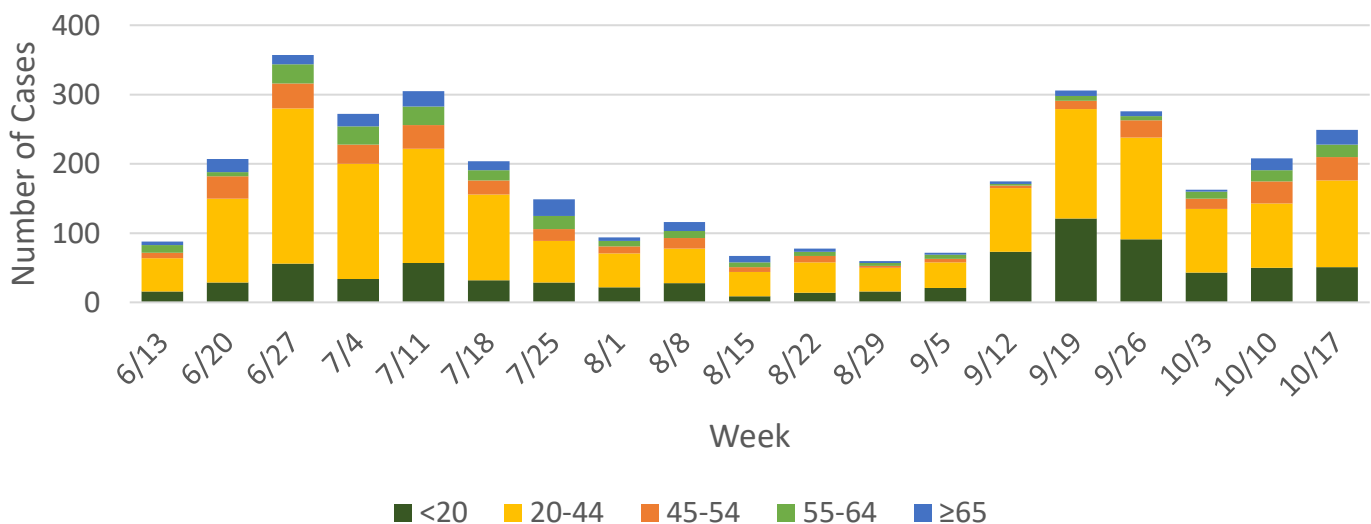
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	917	7,686	7.8%	19,008.8	2,267.9
20-44 years	2,419	24,694	7.5%	46,036.5	4,509.7
45-54 years	549	6,386	7.6%	44,829.8	3,854.0
55-64 years	436	6,286	6.0%	37,933.7	2,631.1
65+ years	395	6,398	4.9%	34,423.8	2,125.3

The median age of Coconino County COVID-19 cases is 29 years old

Key Take Away

- The highest **case incidence** for week 42 was observed among residents aged 45-54, with an incidence of 238.7 per 100,000.
- The highest **positivity yield** for week 42 was observed among residents aged 45-54, with a positivity yield of 7.7%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 34% higher than that of 65+ years).

Age of Confirmed Cases by Week



*Cases reported from 3/15/20-10/17/20

COVID-19 Situation Summary*

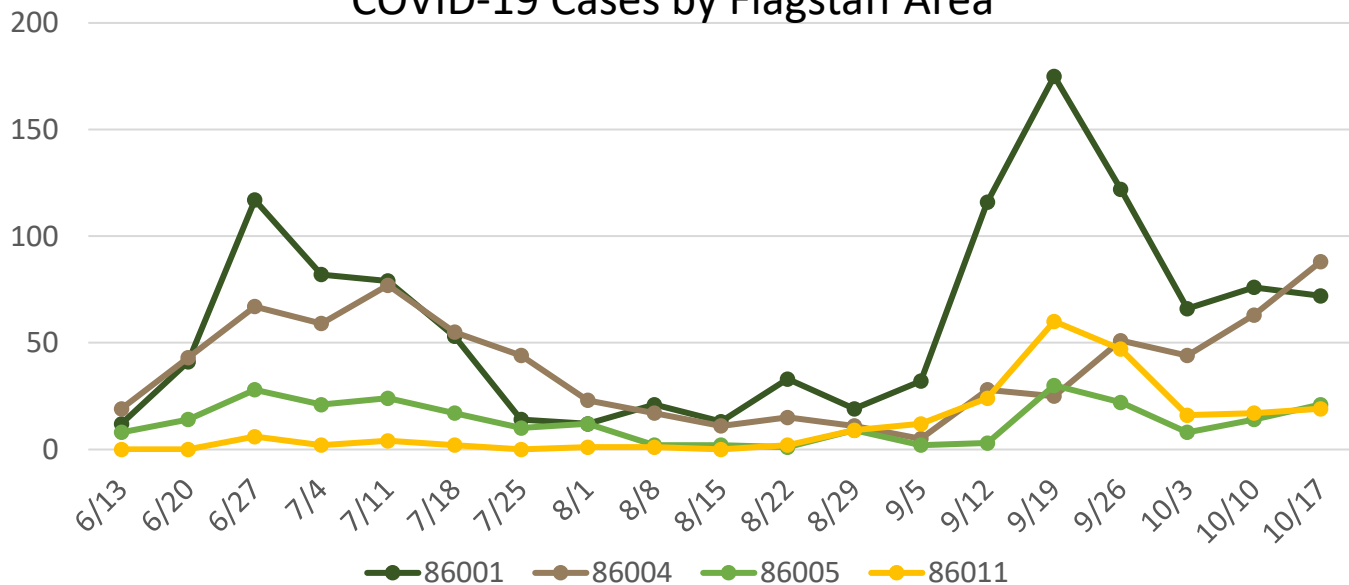
Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	2,767	37,438	5.5%	40,233.0	2,973.6
Page	314	2,932	12.8%	38,849.9	4,160.6
Tribal Communities	1,391	8,057	11.3%	31,602.3	5,456.0
Williams	93	1,345	4.9%	25,541.2	1,766.0
Grand Canyon	60	604	9.3%	24,305.8	2,414.5
Other Areas	91	1,414.0	2.9%	14,683.3	945.0

Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86005 with a 50% increase followed by 86004 with a 40% increase.
- The highest **increase of cases** in Other Areas from the previous week was observed in Williams with a 57% increase and Page with a 400% increase.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

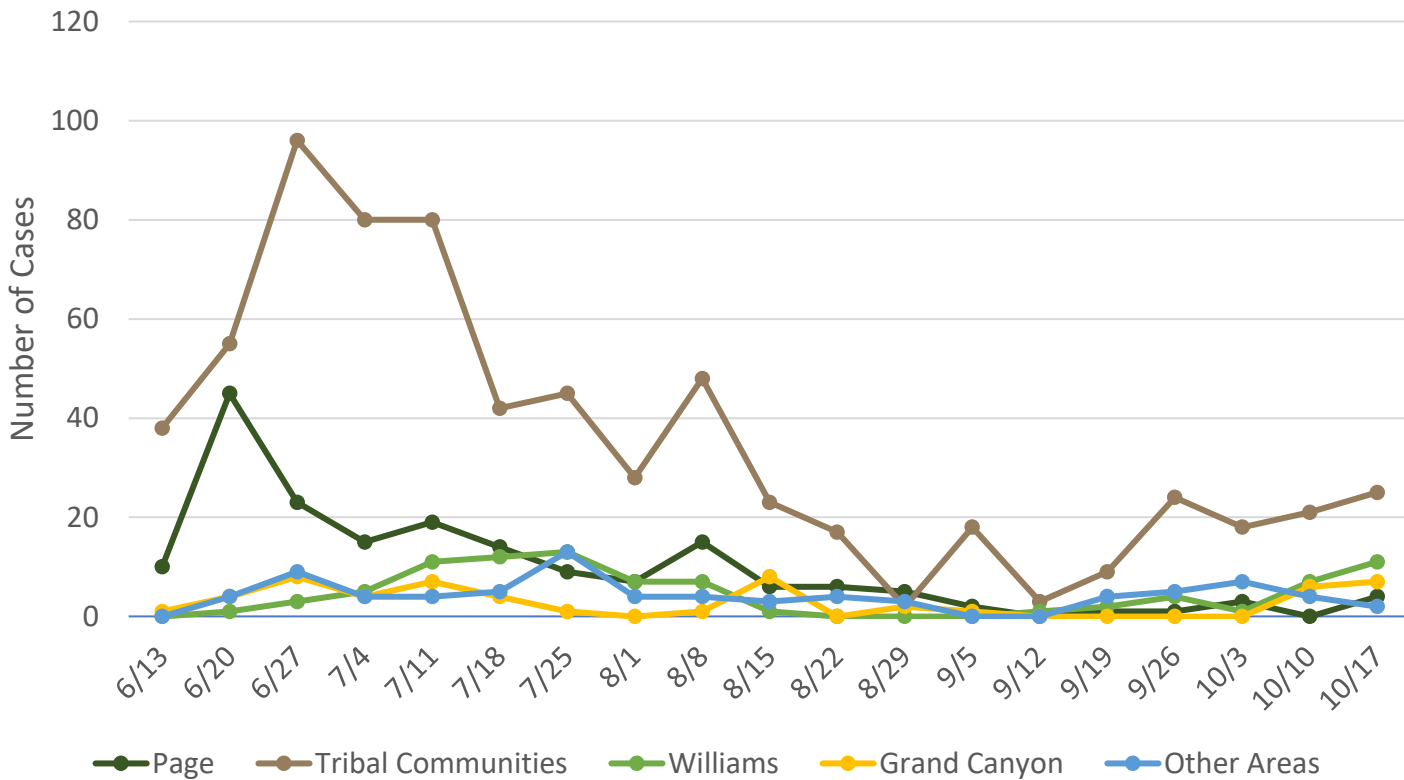


*Cases reported from 3/15/20-10/17/20

COVID-19 Situation Summary*

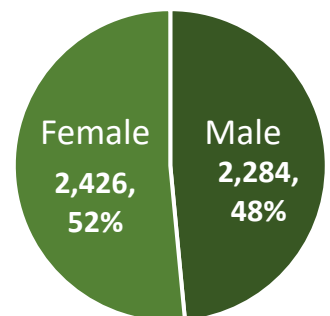
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	2,426	27,287	6.6%	3,349.0
Male	2,284	23,257	7.0%	3,215.3

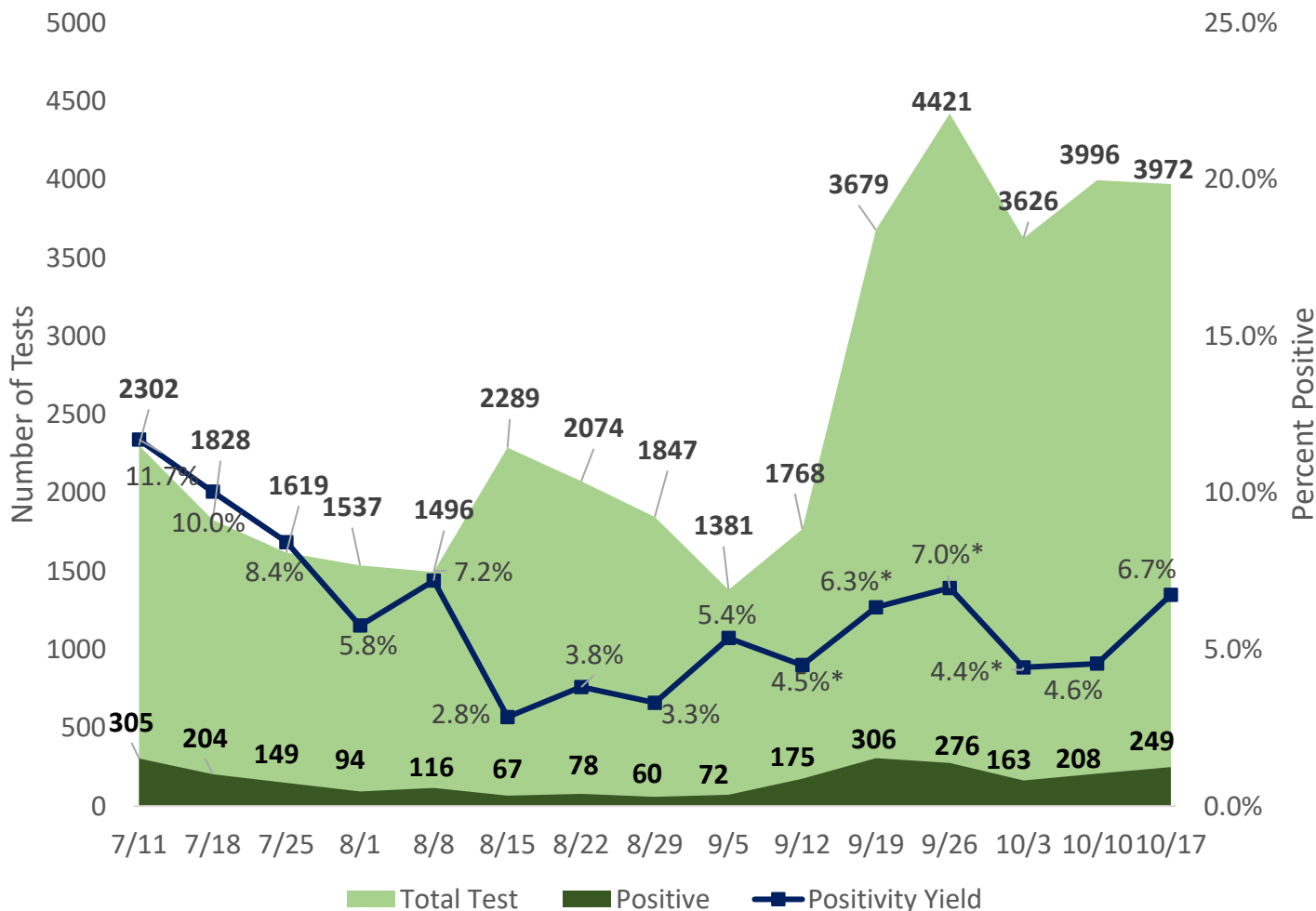


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 17% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team sites have collected a total of **42,393** specimens.

Fort Tuthill: 20,959 CCHHS: 1,308 CCC: 212 NAU: 18,541

Fredonia: 41 Grand Canyon: 119 Williams: 547 Other: 666

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 2,569**

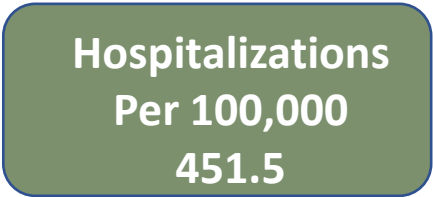
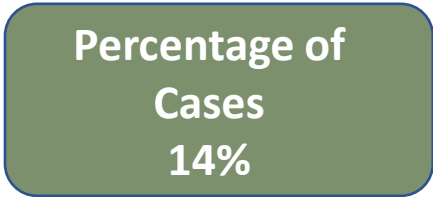
Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 176 (As of 10/17/2020)**
- **Total individuals monitored to date: 2,706**

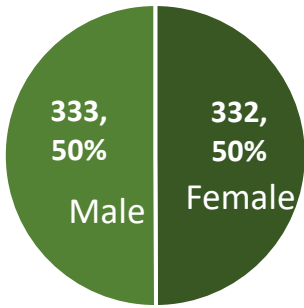
*Cases reported from 3/15/20-10/17/20

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

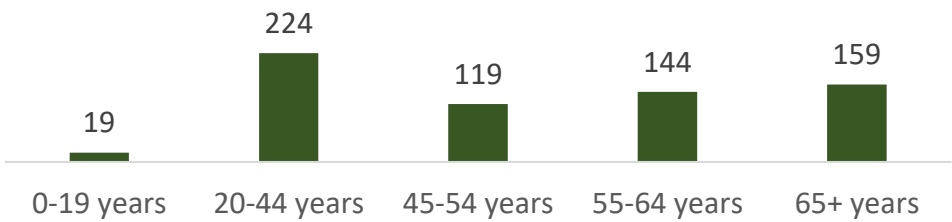


Sex

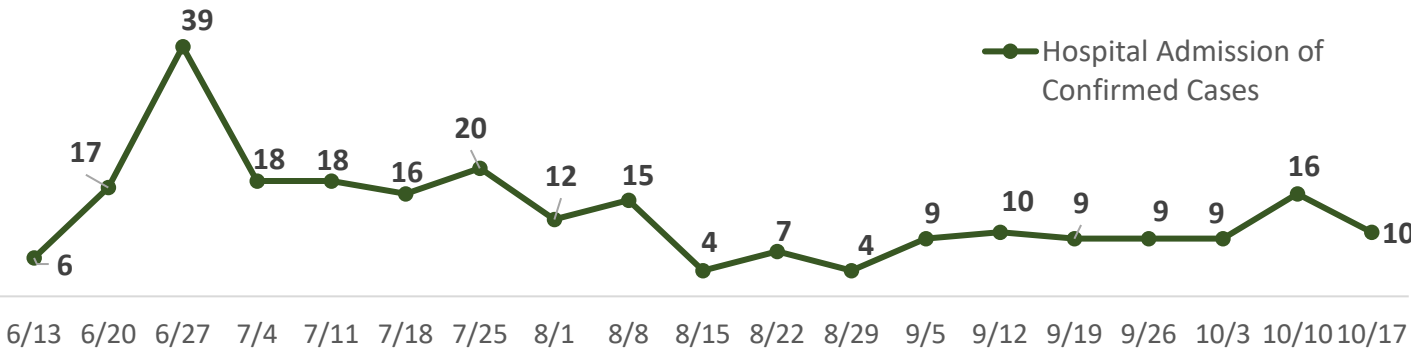


17% of hospitalized residents were in the ICU and 10% were intubated.

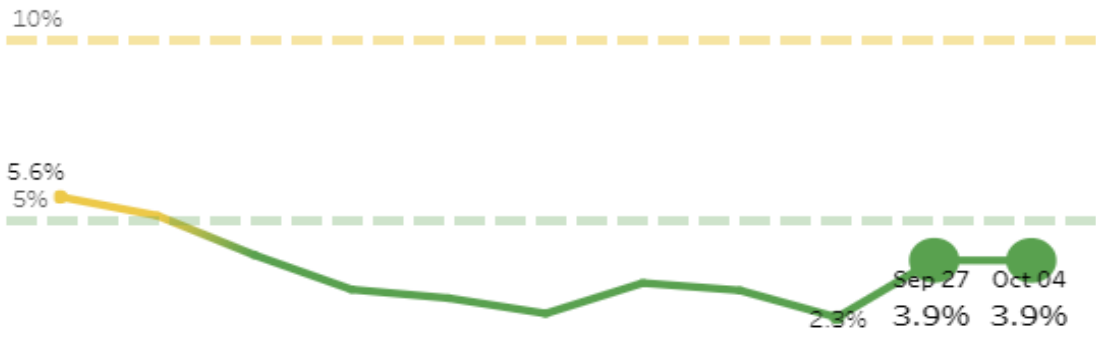
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



COVID-19 Situation Summary*

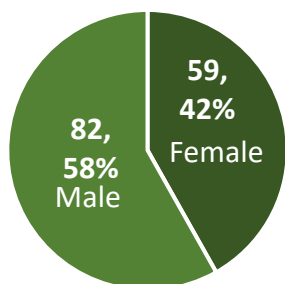
COVID-19 Related Deaths:

Percentage of
Cases
3%

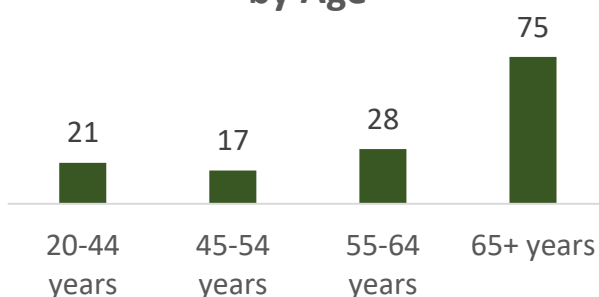
Deaths
141

Fatalities
Per 100,000
95.7

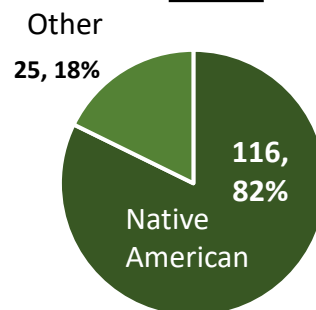
Sex



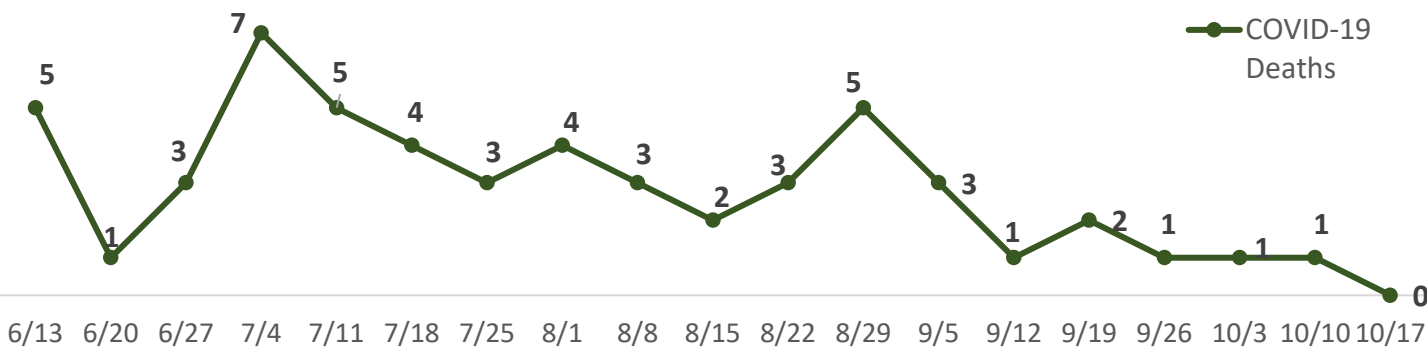
Coconino COVID-19 Deaths by Age



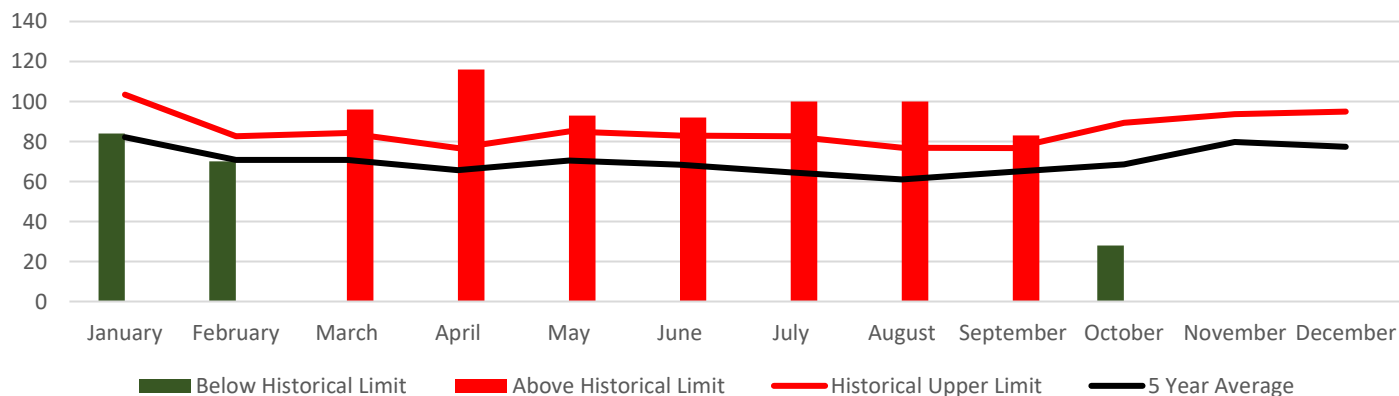
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-10/17/20